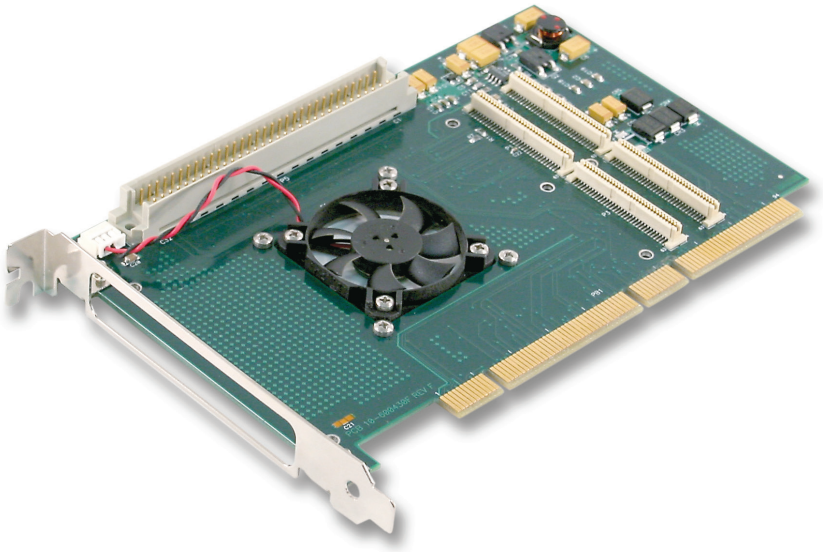


PMC239/F

PCI to PMC Adapter

The PMC239/F is a PCI to PMC adaptor card. It has a PCI edge connector style that fits into a 32- or 64-bit PCI slot.

The PMC239/F accepts both 3.3V and 5V signaling PMC cards. It can be plugged into both 3.3V and 5V signaling PCI slots. However, if a 3.3V-only signaling PMC is installed on the PMC239/F, the adapter can not be installed in a 5V-only PCI slot. This also holds true for the converse.

PMC239/F adapter card can be used to provide a connection between a host PCI bus and a PMC card. The card also provides an extra connector that is suitable for debugging purpose for the PMC card. The extra connector maps 64 bits of user I/Os to one of the PMC connector (P4). In addition, PMC239/F provides a MagLev type fan (5V, 1W) for cooling the PMC card.

FEATURES:

- 32 and 64-bit PCI
- Generates the +3.3V power for the PMC
- Supports both 5V and 3.3V signaling
- PCI edge connector style card to PMC (IEEE 1386) Adapter
- 1 MagLev type fan (5V, 1W)

abaco SYSTEMS

PMC239/F *PCI to PMC Adapter*

Specifications

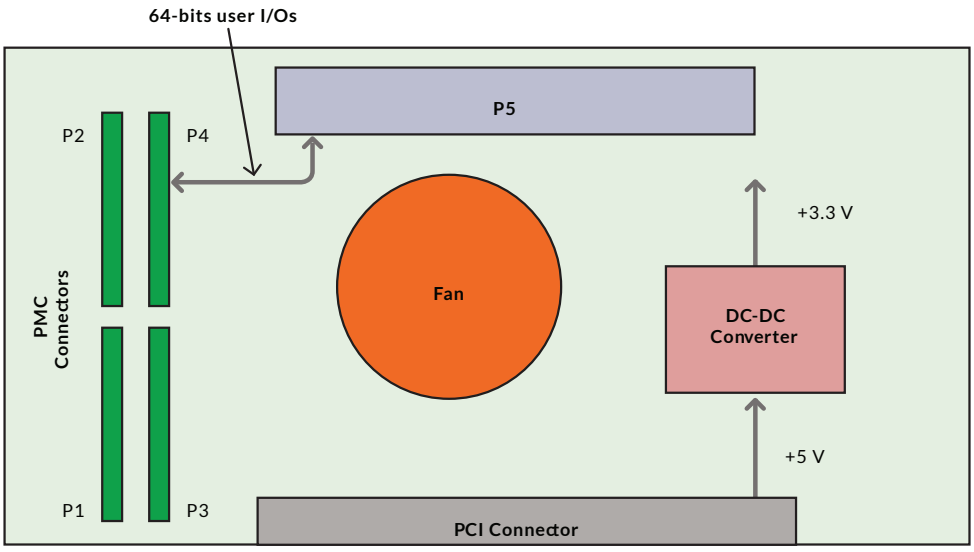
Form Factor
- PMC

PCI Bus Characteristics
- Specification: 2.2
- Signaling: 3.3V & 5V
- Speed: 33/66 MHz
- Width: 32/64

Power
- 1 watt
- @ 5V: 0.2 A

Temperature
- Operating: 0 °C to +60 °C
- Storage: -40 °C to +85 °C

Block diagram



IO Name	P4	P5	IO Name	P4	P5
I/O1	1	A1	I/O2	2	C1
I/O3	3	A2	I/O4	4	C2
I/O5	5	A3	I/O6	6	C3
I/O7	7	A4	I/O8	8	C4
I/O9	9	A5	I/O10	10	C5
I/O11	11	A6	I/O12	12	C6
I/O13	13	A7	I/O14	14	C7
I/O15	15	A8	I/O16	16	C8
I/O17	17	A9	I/O18	18	C9
I/O19	19	A10	I/O20	20	C10
I/O21	21	A11	I/O22	22	C11
I/O23	23	A12	I/O24	24	C12
I/O25	25	A13	I/O26	26	C13
I/O27	27	A14	I/O28	28	C14
I/O29	29	A15	I/O30	30	C15
I/O31	31	A16	I/O32	32	C16
I/O33	33	A17	I/O34	34	C17
I/O35	35	A18	I/O36	36	C18
I/O37	37	A19	I/O38	38	C19
I/O39	39	A20	I/O40	40	C20
I/O41	41	A21	I/O42	42	C21
I/O43	43	A22	I/O44	44	C22
I/O45	45	A23	I/O46	46	C23
I/O47	47	A24	I/O48	48	C24
I/O49	49	A25	I/O50	50	C25
I/O51	51	A26	I/O52	52	C26
I/O53	53	A27	I/O54	54	C27
I/O55	55	A28	I/O56	56	C28
I/O57	57	A29	I/O58	58	C29
I/O59	59	A30	I/O60	60	C30
I/O61	61	A31	I/O62	62	C31
I/O63	63	A32	I/O64	64	C32

Note: There are no connections to P5 B Row Pins.

Ordering information

PMC239/F	PCI to PMC Adapter with Fan (Fan can be disconnected if needed)

WE INNOVATE. WE DELIVER. YOU SUCCEED.

Americas: 866-OK-ABACO or +1-866-652-2226 **Asia & Oceania:** +81-3-5544-3973
Europe, Africa, & Middle East: +44 (0) 1327-359444
Locate an Abaco Systems Sales Representative visit: abaco.com/products/sales
abaco.com @AbacoSys

©2016 Abaco Systems. All Rights Reserved. All other brands, names or trademarks are property of their respective owners. Specifications are subject to change without notice.